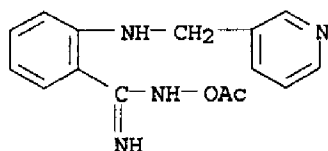


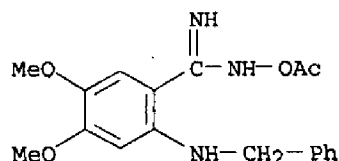
L9 ANSWER 13 OF 33 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2000:715593 CAPLUS <<LOGINID::20100317>>
 DN 133:252435
 TI Preparation of N-heteroarylthiourea derivatives as endothelin-converting enzyme inhibitors
 IN Takamura, Masahiro; Saji, Ikutaro; Ohashi, Naohito
 PA Sumitomo Pharmaceuticals Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 21 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000281659	A	20001010	JP 1999-87998	19990330 <--
PRAI	JP 1999-87998		19990330		
OS	MARPAT 133:252435				

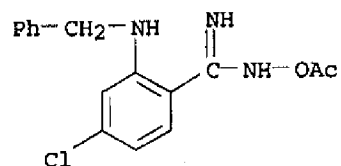
AB N-heteroarylthiourea derivs. of formula R1R4NC(S)NR2R3 [R1 = (un)substituted heteroaryl; R2 = (un)substituted alkyl, alkenyl, alkynyl, or cycloalkyl, acyl, (un)substituted aryl; R3, R4 = H, (un)substituted alkyl or cycloalkyl] or prodrugs or pharmaceutically acceptable salts thereof are prepared These compds. are useful for the treatment or prevention of endothelin-originated diseases such as hypertension, arteriosclerosis, myocardial infarction, angina pectoris, heart failure, arrhythmia, cerebral vascular twitch after subarachnoid hemorrhage, kidney failure, pulmonary hypertension, bronchitic asthma, Buerger's disease, Takayasu's arteritis, Raynaud's disease, diabetes complications, endotoxin shock, blood poisoning (septicemia), and ulcer. Thus, a solution of 1-benzyl-2-aminobenzimidazole and 3,4-methylenedioxyphenyl isothiocyanate in MeCN was refluxed for 5 h to give N-(3,4-methylenedioxyphenyl)-N'-(1-benzylbenzimidazol-2-yl)thiourea. N-phenyl-N'-(1-benzylbenzimidazol-2-yl)thiourea showed IC50 of 0.34 μM against endothelin-converting enzyme of rat lung tissue.
 IT 296259-42-2P 296259-50-2P 296259-58-0P
 296259-65-9P 296259-72-8P 296259-80-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of N-heteroarylthiourea derivs. as endothelin-converting enzyme inhibitors for treatment or prevention of endothelin-originated diseases)
 RN 296259-42-2 CAPLUS
 CN Acetic acid, [imino[2-[(3-pyridinylmethyl)amino]phenyl]methyl]azanyl ester (CA INDEX NAME)



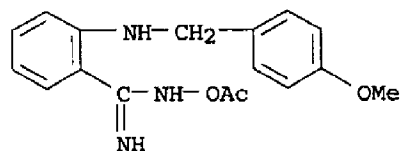
RN 296259-50-2 CAPLUS
 CN Acetic acid, [[4,5-dimethoxy-2-[(phenylmethyl)aminophenyl]iminomethyl]azanyl ester (CA INDEX NAME)



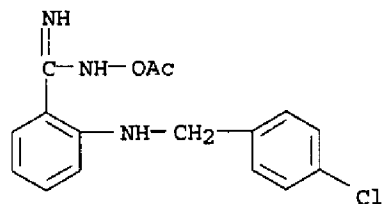
RN 296259-58-0 CAPLUS
 CN Acetic acid, [[4-chloro-2-[(phenylmethyl)amino]phenyl]iminomethyl]azanyl ester (CA INDEX NAME)



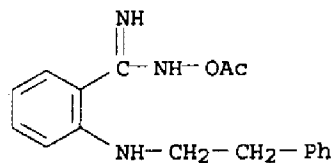
RN 296259-65-9 CAPLUS
 CN Acetic acid, [imino[2-[[4-methoxyphenyl)methyl]amino]phenyl)methyl]azanyl ester (CA INDEX NAME)



RN 296259-72-8 CAPLUS
 CN Acetic acid, [[2-[[4-chlorophenyl)methyl]amino]phenyl]iminomethyl]azanyl ester (CA INDEX NAME)



RN 296259-80-8 CAPLUS
 CN Acetic acid, [imino[2-[(2-phenylethyl)amino]phenyl)methyl]azanyl ester (CA INDEX NAME)



OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)